

Results-driven professional with an impeccable work ethic, transitioning into a software engineering role. Leveraging problem-solving skills honed through successful completion of the Coding Temple bootcamp, I am dedicated to developing cutting-edge solutions that optimize user experiences and drive technological advancement. Combining pedagogical expertise with a passion for code, I excel in collaborative environments and apply an adaptable mindset to create impactful software solutions.

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## SKILLS

**Languages:** JavaScript, HTML5, CSS3, Python, Typescript

**Frameworks/Libraries:** React, Flask, Bootstrap

**Databases:** PostgreSQL, Firebase, SQLite

**Tools/Dev Ops:** Github, RESTful APIs

**Certifications:** Coding Temple - Full Stack Development

**Other:** Adobe Photoshop, InDesign, Illustrator, Xactimate, Excel

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## PROJECTS

### [Codex] - Software Engineer

Technologies: HTML, CSS, JavaScript, React, Flask, SQL, Node.js, Postman, JSON

- Engineered a full-stack, multi-page web application to assist writers in managing their fictional worlds. The React frontend ensures a seamless user experience, while the Flask backend manages data storage and processing.
- Created a Python-based RESTful API with Flask to handle user data. Implemented CRUD operations to store, create, delete, and update user data on a world-by-world basis, tested via Postman using mock JSON inputs.
- Developed and integrated an SQL database to efficiently store and manage user data, ensuring reliability and scalability.
- Designed an intuitive user dashboard with tools for task management, journal entries, and progress visualization. Implemented asynchronous functionalities to enhance user interaction.
- Utilized HTML, CSS, and JavaScript to create a cohesive layout for the homepage, about section, dashboard, and authentication pages, ensuring a consistent and engaging user interface.
- Integrated chatGPT functionality to help users overcome writer's block, providing creative prompts and suggestions to enhance the writing process.

### [Adventure] - Software Engineer

Technologies: HTML, CSS, JavaScript, React.js, Flask, SQL, Node.js, SQLAlchemy, Python

- Independently developed a compact yet engaging role-playing game (RPG) web application, using React.js for the frontend and Flask for backend functionality. Prioritized simplicity and accessibility for a seamless user experience.
- Implemented a Python-based RESTful API with Flask to handle game data and user interactions, enabling dynamic gameplay within a small-scale environment. Utilized CRUD operations to manage player progress and world elements efficiently.
- Integrated a lightweight SQL database with SQLAlchemy to store and retrieve game data effectively. Ensured scalability and reliability while keeping overheads minimal for a fast and responsive gaming experience.
- Designed and implemented a straightforward user interface using HTML, CSS, and JavaScript, focusing on usability and clarity. Created a visually appealing but uncluttered layout to enhance player immersion and enjoyment.
- Incorporated basic chatGPT functionality to add a touch of interactivity and storytelling flair to the game. Provided simple prompts and interactions to enhance player engagement and enjoyment.

### [Task Manager Bots] - Software Engineer

Technologies: HTML, CSS, JavaScript, React.js, Flask, SQL, Node.js

- Developed a concise and efficient task management web application using React.js and Flask. Implemented toast notifications to provide users with instant alerts and reminders, enhancing productivity in a straightforward interface.
- Created a Python-based RESTful API with Flask to facilitate task management across different projects, handling CRUD operations seamlessly. Prioritized simplicity and ease of use for efficient task handling.

- Integrated a lightweight SQL database to store and manage task data effectively, ensuring reliability and scalability within a small-scale application. Implemented optimized data fetching and updating mechanisms for real-time task management.
- Designed a clean and user-friendly interface with HTML, CSS, and JavaScript, focusing on simplicity and functionality. Implemented responsive design principles to ensure compatibility across devices and seamless user interactions.
- Leveraged Node.js for asynchronous task handling, optimizing performance and responsiveness. Implemented efficient data management solutions to ensure smooth task management capabilities within a compact application.

## EXPERIENCE

### Software Engineer Trainee - Coding Temple | Remote

02/2024 - Present

*React.js, Node.js, React Native, Bootstrap, Javascript, Typescript, Python, Flask, Firebase, Postman, Insomnia, SQLAlchemy, NoSQL, HTML, CSS, PostgreSQL, VS Code, dBeaver, Netlify, Git, Github, Json*

- Developed responsive web applications using **React.js** and **Bootstrap**, enhancing user experience and interface responsiveness across various devices.
- Implemented backend services with **Node.js** and **Flask** to create robust APIs, ensuring seamless data flow and integration.
- Utilized **Firebase** and **PostgreSQL** for efficient data storage and retrieval, optimizing application performance and scalability.
- Leveraged **SQLAlchemy** and **NoSQL** databases to manage complex datasets, ensuring data integrity and accessibility.
- Created mobile applications with **React Native**, expanding the reach of web applications to mobile platforms.
- Wrote and maintained clean, efficient code in **JavaScript**, **Typescript**, and **Python**, adhering to best practices and coding standards.
- Deployed applications using **Netlify**, ensuring quick and reliable web hosting and deployment.
- Conducted code reviews and version control management using **Git** and **GitHub**, facilitating team collaboration and code quality.
- Debugged and optimized code with **VS Code** and **dBeaver**, improving overall system performance and reliability.
- Designed and implemented RESTful APIs using **Flask** and **JSON**, enabling secure and efficient data exchange between client and server.

### Realtor - Century 21 | Madeira Beach, Florida/Freelance

09/2022 - Present

- Sold multiple homes within the first year by leveraging advanced marketing strategies, resulting in \$600,000 in gross for my clients..
- Increased client engagement by 30% through online applications, personalized communication and relationship-building techniques, leading to higher client satisfaction and repeat business.
- Utilized digital advertising tools to reach a broader audience, achieving a 70% increase in property viewings and inquiries.
- Implemented data-driven market analysis to advise clients on optimal pricing, resulting in properties selling 30% faster than the local market average.
- Coordinated with staging professionals to enhance property presentation, improving sale prices by an average of 5%.

### Stay at Home Dad & Student

June 2012 - September 2022

- Managed household operations and ensured a supportive home environment, allowing spouse to focus on career advancement.
- Developed strong multitasking and organizational skills by balancing home responsibilities and educational pursuits.
- Acquired foundational knowledge in tech through self-study and online courses, preparing for a career transition.

## EDUCATION

**Coding Temple, Certificate of Completion** (February 2024 - June 2024) - Graduated with over 100% for exceeding expectations on every assignment.

**Real Estate license** - Azure tide school of realty